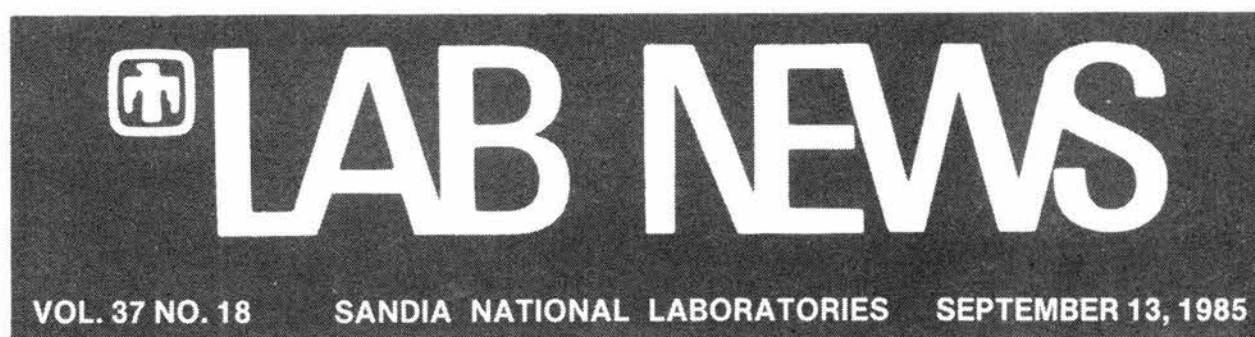




ECP DRIVE begins Oct. 1. In this issue, LAB NEWS features some pictures and statistics contrasting the community needs met by United Way agencies with those still unmet. For example, in 1984, 239 youths participated in social development programs through Big Brothers/Big Sisters. Here a Big Brother heads for Sandia Crest with his "little brother." But the need for more BBs/BSs is great: Over 2000 kids drop out of school each year in Albuquerque. And more than 20,000 youths in the Albuquerque area are in single parent homes. More on Page Six.



#### **'Ultimate Research Sponsor' Honored**

## **Miller Wins First Outstanding Achievement Award**

Physical chemist Jim Miller of Combustion Chemistry Division 8353 is the first recipient of the Combustion Research Facility's Outstanding Achievement Award. The award was given in memory of O.W. "Bill" Adams, who headed DOE's Office of Basic Energy Sciences from 1976 until his death in 1982. In that position, Bill was, in a sense, the original sponsor of Sandia's combustion research program.

In presenting the award to Jim on Aug. 21, Dan Hartley (8300) said, "It is very appropriate that Jim is the first person recognized for this award. His theoretical work has, to a large degree, driven our experimental program in combustion.

"Another of Jim's major contributions grows from his skill at interacting with people on the outside — during the past year he has had several visiting scientists working with him, including some from England, Germany, and Denmark." Jim's supervisor, George Fisk, added, "Jim's the common thread that holds a lot of programs together here."

Jim's accomplishments include eight articles in combustion, physics, and chemistry journals in the past year; and 11 papers and talks in the U.S., Germany, and England during the same period. He also recently co-edited a book entitled "Laminar Flame Propagation in Premixed Gases," published by Gordon and Breach.

Jim has worked in the combustion field at Sandia for 11 years. He holds a PhD from



TAKING PART in the award ceremony for outstanding achievement in combustion research were from left, Jean Adams, wife of the late Bill Adams for whom the award was named; recipient Jim Miller (8353); and Dan Hartley (8300) holding the large plaque that will hang in the CRF lobby.

Cornell University in physical chemistry and aeronautical engineering. He and his wife Connie live in Orinda and have two pre-school children.

In accepting the award Jim said, "I've benefited greatly from some extremely talented collaborators. And I think that Bill

Adams was the ultimate research sponsor. He was special because of the pride he took in the research, and particularly, in the people he sponsored.

"Also speaking at the ceremony was Elliot Pierce, director of the Division of Chemical  
(Continued Next Page)



# Antojitos

**Unchained Melody** Many of us old-timers remember the days when Sandia provided several dozen bicycles for use in commuting from one corner of the Tech Area to the other. (A moment of silence, please, to honor the memory of those impossible-to-keep-repaired Schwinn's.)

When they were hauled off to their final resting place 15 years ago or so, some of us were quick to replace the company-owned bikes with our own cyclic transportation. Often these bikes were every bit as decrepit as the Sandia variety: after all, the Tech Area is paved, not all that large (maybe a mile across), and more-or-less level, so one's work bike doesn't have to be as fancy as one's commuting-from-home or touring bike. Old one-speeds work nicely, thank you, to cut the time spent in traversing the Area and to provide a bit of exercise in the bargain. I bought my old blue three-speed (now one) from Ward Hunnicutt (7800) for \$25 in 1972, and it's lugged me pretty faithfully over to 880 and back ever since then -- and saved me hours of work time in the process.

But we've apparently got some folks, new-hires or old, who still believe that any bike left unchained is theirs to appropriate whenever their director phones them with one of those "Get over here right away!" requests.

At least that's the conclusion that one of Sandia's more avid bikers and I have reached. We've each had our old work bikes stolen twice. Twice I've found mine -- and once he's found his -- by spending hours during lunch periods and before work strolling around the Area looking for a familiar paint (or lack thereof) job. But last month he finally gave up his most recent search and now considers his old friend (a Hercules three-speed his father gave him when he was 18) permanently lost.

That's sad. True, Security will tell you to lock your bike, even in the Tech Area. But there's a hassle factor operating here -- when your director commands your presence, who can remember where the key is, much less what a padlock combination is? Why should I have to lock and unlock a \$12.50 bike (allowing generously for inflation) two or three times a day in order to enjoy the convenience of quick transportation? And how should I know whether my bike has been stolen or simply "temporarily misappropriated"?

So his loss and my searches are not only sad, they're scary. They're scary because they mean that someone out there, someone with a security clearance, is stupid enough to jeopardize that clearance -- and with it, one of the better jobs in New Mexico -- for a cheap bicycle. And that kind of stupidity is scary. ●BH

\* \* \*

There is no safety in numbers -- or in anything else.

--James Thurber

Continued from Page One

## Outstanding Achievement

Sciences, Office of Basic Energy Sciences, DOE. He praised Bill as a "gentle and generous advocate of science, scientists, and their work in the broad interests of our country." He added that his office is proud to share in the high reputation and achievements of the Combustion Research Facility and said he is looking forward to continued growth in these achievements.

Bill's widow, Jean Adams, from Washington, attended the ceremony in the Sandia auditorium. Other guests were Richard Kandel, chief of the Fundamental Interactions Branch of the Division of Chemical Sciences for the Office of Basic Energy Sciences; Richard Kropschot, former head of the same office and now an associate director at Lawrence Berkeley Laboratory; and Jim Kane, formerly deputy director of Energy Research in the DOE and now with the president's office at the University of California.

## Fun & Games

**Golf** -- The Sandia Twilight League played for the 1985 championship over 36 holes Aug. 24-25 at the Manteca Golf Club. Low net honors for men went to Fernando Uribe (8176) with a fine 137. Low net for women was taken by Carolyn Hobrock (wife of a visiting Mound Labs staffer in 8442). Low gross honors went to Steve Vasey (8164) who fired 83 and 82, 165 for the two-day event. There were 51 players registered for this first-ever 36-hole event among Sandians.

As the league ended its season, Team 16 composed of John Martin (8161) as captain, Steve Vasey and Rodger Page (both 8164), and Joe Page defeated Team 9 composed of Don Kasberg (8442) as captain, Larry Brown, Ray Baldonado, and Dennis Ariizumi (all 8445) in two 9-hole playoff matches.

### Sympathy

To Fred Greulich (8316) on the death of his father in Buffalo, N.Y., Aug. 1.

To Sandy Moore (8430) on the death of her mother in Sonora, Aug. 9.

To Rob Rinne (8470) on the death of his mother in Concord, Aug. 28

## Events Calendar

Sept. 13-29 -- "Shelley Berman Off Broadway," Albuquerque Little Theatre, Tues.-Fri. 8 p.m., Sat. 6 & 9 p.m., Sun. 2 p.m.; 224 San Pasquale SW, 242-4750.

Sept. 14 -- NM Repertory Theatre sponsors free showing of the 1981 award winning film, "From Mao to Mozart: Isaac Stern in China"; 7:30 p.m., KiMo, 243-4577.

Sept. 15 -- Dinah Shore, 8:15 p.m., Popejoy, 277-3121.

Sept. 15 -- Big Brothers/Big Sisters, Story-festival 1985, afternoon of live theater, storytelling, robotics, and more; 1:30-4:30 p.m., Heights Community Center, 525 Buena Vista SE (just south of T-VI).

Sept. 17 -- Theatre Mask Ensemble, for children and adults, 7 p.m., KiMo.

Sept. 20 -- Melodious Thump, jazz, 8 p.m., KiMo.

Sept. 22 -- Movietime at the KiMo, Boy Meets Girl Film Series: "Love Me Tonight," American (1932), Maurice Chevalier and Jeanette MacDonald, 7 p.m., KiMo.

Sept. 22-Dec. 1 -- Wilson Hurley, A Retrospective Exhibition, over 50 paintings,

Tues.-Fri. 10 a.m.-5 p.m., Sat. & Sun. 1-5 p.m., The Albuquerque Museum.

Sept. 24 -- "The Enchantment of India," with classical dancer Pundit Birju Maharaj and his troupe, 8 p.m., Armory for the Arts, Santa Fe, 988-1886.

Sept. 25 -- Showtime at the KiMo: Joyce Trisler Danscompany, 8 p.m., KiMo.

Sept. 27 -- Rug Auction: Crownpoint Weavers Assoc., viewing opens at 3 p.m., auction at 7. Crownpoint Elementary School, Crownpoint, NM, 786-5306.

Sept. 27-28 -- NM Symphony Orchestra: Neal Stulberg, conductor; Ruby Hinds mezzo-soprano; NMSO Chorus; 8:15 p.m., Popejoy, 842-8565.

Through Oct. 6 -- "Puente Negro," La Compañia de Teatro de Albuquerque, Fri. & Sat. 8 p.m., Sun. 3 p.m., Nuestro Teatro, 3211 Central NE, 256-7164.



# LAB NEWS

Published Fortnightly on Fridays

**SANDIA NATIONAL LABORATORIES**

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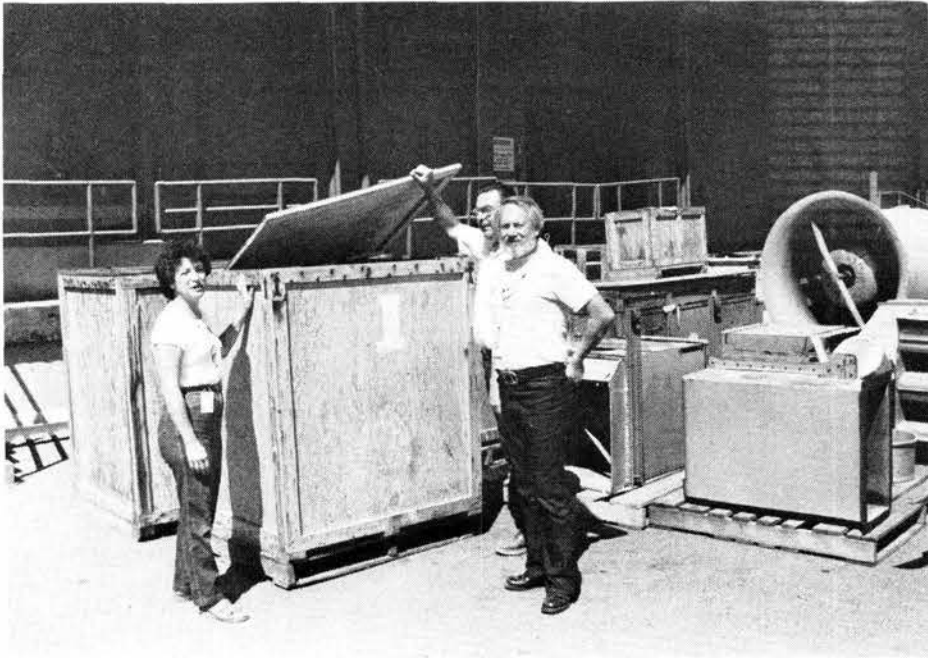
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# Trashbusters



LOOKING OVER crates of goods destined for storage as a result of the labwide cleanup are (from left) Trashbusters chairperson Bonnie Spencer, Don Gallagher, and Johnny Allen (all 8262).

## Cleanup Campaign Successful

A labwide cleanup hadn't been attempted since the last Family Day in 1981. So a weeklong "Trashbusters" campaign in August made a real difference — reducing clutter, which can be hazardous; eliminating excess material that had been taking up valuable building space; and, overall, creating a much more attractive site.

Figures compiled after the Aug. 19-24 cleanup show some impressive results:

- 12 truckloads of metal scrap material (10,300 cubic feet) sent to recyclers;
- 104 truckloads of trash (35,800 cubic feet) hauled to the dump;
- 16,000 cubic feet of excess property shipped to storage; and
- 127 controlled and 31 miscellaneous items transferred to Reclamation.

Much of the credit for the campaign, suggested by Arlyn Blackwell (8200), goes to the steering committee including chairperson Bonnie Spencer (8262) and members Johnny Allen (also 8262), Joan Bersie (8200), Randy Christman (8023), Cindy English (8201), Martha Pritchard (8254), Karen Siegfriedt (8311), and Ray Leri (8265), plus scores of building coordinators.

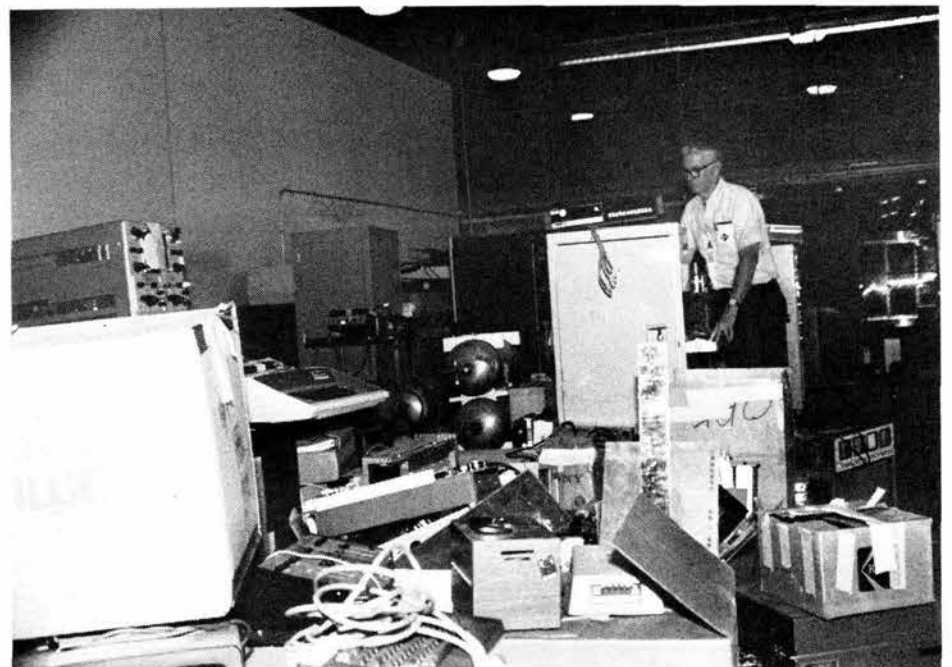
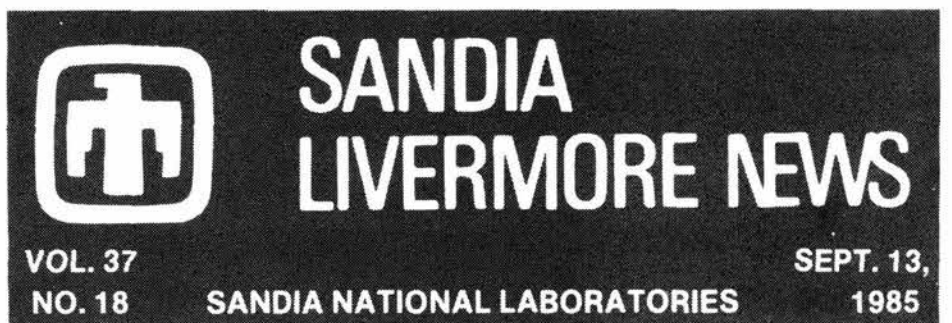
During a site tour a month before the cleanup, the committee targeted cluttered hallways, offices, laboratories, and storage sheds, as well as outside debris for special attention. A tour after the drive showed that each of these areas showed marked improvement. Even the groundskeepers went all out to spiff up the landscaping, a difficult task with all the building construction and remodeling projects underway.



LEARNING TO OPERATE a forklift is Vicki Schoeneman (8262) who helped out in shipping and receiving.



HUNDREDS OF HUNGRY trashbusters showed up for hot dogs and soft drinks just before the half-day cleanup effort on Aug. 23.



FIGURING OUT the destination of some computer equipment sent to storage was George Mincks (8257).



IMMENSE JOB of paperwork on all the excess property headed for storage was handled by (from left) Lupe Alameda, Laurie Farren, and Lee Ann Hubbs (all 8262) along with others in the Property Control Section.



## Take Note

More than 100 people from eight countries attended the recent Decelerator Systems Engineering Short Course hosted by Sandia at the Technology Transfer Center. Co-sponsors were the University of Minnesota and the American Institute of Aeronautics and Astronautics.

Carl Peterson, supervisor of Parachute Systems Division 1644, and Ira Holt, Don Johnson, and James Purvis of the Division plus Richard Ericksen of Physical Properties of Polymers Division 1813 made presentations during the course on supersonic parachutes, parachute computer design codes, parachute clusters, textile materials, and testing methods. Attendees toured Sandia's parachute lab and watched a sled test in Area III. Dave Bickel, supervisor of Track and Cables Division 7535, discussed Sandia's laser tracker data acquisition system.

\* \* \*

Bob O'Nan (2346), collector of stereopticon cards, had his entry entitled "Plagiarism" receive the Presidential Award at the recent convention of the National Stereoscopic Association in St. Louis. The 15 cards in Bob's collection, produced by different studios, were practically identical and illustrated a popular joke around the turn of the century.

It seems that tomatoes were served either "dressed" or "undressed" — peeled with salad dressing or unpeeled and without. All 15 cards show a shocked family being served by a maid wearing undergarments. And all captions read: "How Biddie Served Tomatoes Undressed."

Plagiarism aside, the photos, seen through a stereoscopic viewer, were of good quality.

\* \* \*

RIDEPOOL, the city ridematching service, wants a name for its computer. For example, the Tucson RideShare program's computer is named Sharon A. Ride. Submit the winning entry and win a weekend for two at the historic Plaza Hotel in Las Vegas, NM.

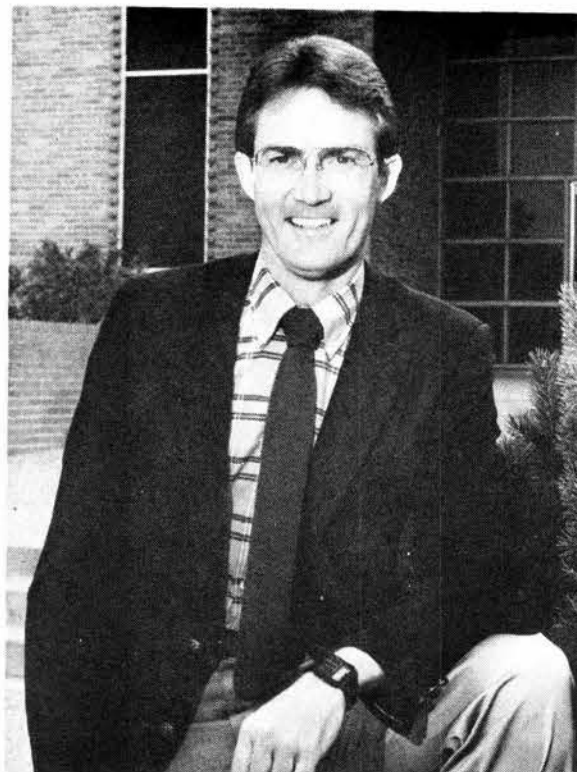
Entries can be submitted by mail or phone to: RIDEPOOL/IARS, 1920 Lomas Blvd., NE, Albuquerque, NM 87131, or 243-RIDE. Deadline for receipt of entries is Sept. 30. You can also enter the contest at the RIDEPOOL booth at the State Fair.

\* \* \*

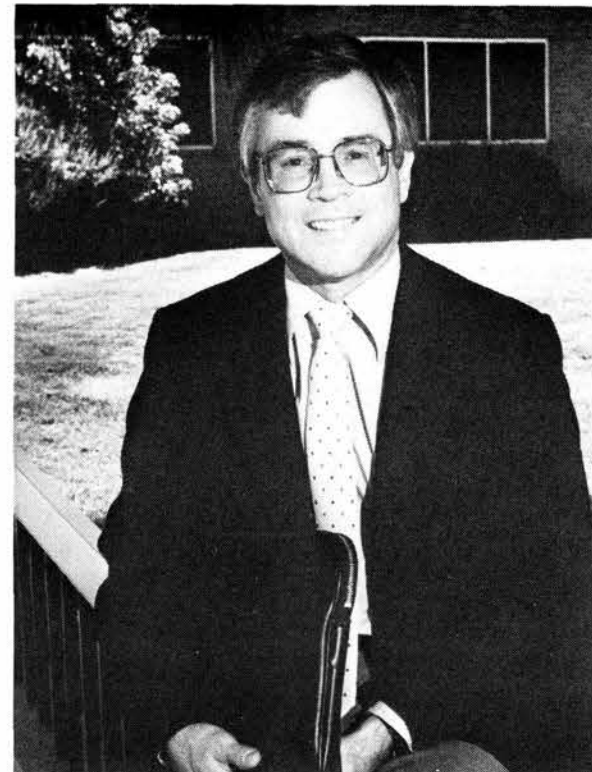
The LAB NEWS Christmas issue, the only one using full color, will be published Friday, Dec. 20. If any Sandian has a painting or drawing appropriate to the season that might be used for our Christmas cover, we'd like to see it right away. Call 4-1053 to arrange a time.

\* \* \*

Attention, retirees-to-be (and those already retired): If you're interested in some consulting or other parttime work once you jump the Sandia ship, stop by the LAB NEWS office and fill out one more form. This one's simple — name, address, phone, and salable skill(s). We've already had a couple of requests for names of retirees with engineering and technical abilities, and we have an ongoing demand for names of those who are handy with tools.



TOM JAMES (5341)



GERRY BARR (7860)

## Supervisory Appointments

TOM JAMES to supervisor of Advanced Systems Development Division I 5341, effective Aug. 1.

Tom joined the Labs in June 1966 as a member of the Technical Development Program. He's worked with the JTF-2 project, the radar fuze department, safeguards and security and, for the past several years, has been with Advanced Systems Development Department 5340.

Tom received his BS from the University of Nebraska, his MS from UNM, and PhD — all in EE — from the University of Kansas; the latter was under Sandia's Doctoral Study Program. Tom is a member of IEEE. He enjoys skiing and tennis. He and his wife Judy have two children and live in NE Albuquerque.

\* \* \*

GERRY BARR to manager of Plant Engineering Planning and Services Department 7860, effective Oct. 1.

Gerry joined the Labs in 1967 as a member of the materials science group. He

transferred to the underground test planning organization in 1970 and served as technical director for one of the underground tests. He was promoted to supervisor of the division in 1972. Gerry then headed the underground test engineering division that was responsible for design work for reactors and electron beams.

From September 1976 until the completion date in June 1980, Gerry was project manager for the PBFA I facility — an exceptionally complex project that was completed within budget and on schedule. Since September 1980, he has headed the Pulsed Energy Projects Division 1201, serving as project manager for PBFA II.

Gerry earned his BS in aeronautical engineering, and MS and PhD in engineering mechanics from the University of Kansas. He's a member of the Project Management Institute. He enjoys most outdoor activities, especially backpacking and skiing. Gerry lives in the NE heights.

\* \* \*

More for upcoming retirees: The Prudential-Bache Securities folks will be at the Coronado Club at 5 p.m. on Sept. 25 to discuss your financial options. For each person there, they'll provide hard copies of a computer analysis comparing the advantages of rolling over your money or taking it in a lump sum. More info from Bill Sellers on 881-2323.

\* \* \*

The close-out sale of used books from the South 14 Village Project continues through Sept. 30 in the LAB NEWS office (Bldg. 814). All books are 50 percent off the already marked down prices. With the retirement of Norma Taylor (3162) and Julian Sanchez (3321) from the project, no more book donations are being accepted and no books will be sold after Sept. 30.

John Shunny (ret.) and Julian will continue to keep the LAB NEWS office supplied with Sandia T-shirts (\$7) and caps (\$7). All profits will go to the project's Christmas charity.

\* \* \*

Play a clarinet, oboe, flute, bassoon, or

French horn? Sharon Nichols over at AFOTEC is eager to talk to you about forming a woodwind quintet or two. Call her on 6-1938.

\* \* \*

The fall session of L'Ecole de L'Alliance Francaise d'Albuquerque will begin Sept. 23 and last for 10 weeks. Classes (all levels of conversational French and French for travelers) meet once a week, evenings or days, for two hours. Registration deadline is Sept. 20. Call Christiane Vigil on 294-5957 or UNM's Dept. of Modern and Classical Languages for further information.

\* \* \*

Loss of a loved one — through separation, divorce, or death — can be highly traumatic. Beginning Experience, an international, non-denominational group, has trained teams of volunteers who help participants in weekend retreats to deal with their loss. The next local Beginning Experience weekend is Sept. 27-29 at the Hummingbird Music Camp in the Jemez Mountains. More info from Patricia Martin (3745) on 298-7035 or Charlie Cooper on 881-0906.



## Bingaman on Budget, USSR, & More

Jeff Bingaman, New Mexico's junior senator, recently gave his first talk at Sandia. A member of both the Senate Armed Services and the Energy and National Resources Committees, he discussed several topics of special interest to Sandians.

Bingaman predicted that defense spending will continue at the level of inflation, meaning that there will be zero percent real growth in the defense budget for the rest of the decade. This slowdown reflects a "heightened concern" in Congress over the deficit, the danger of the government's spending 20 percent more than it takes in.

Defense management will come under greater scrutiny: "The public eye has been on \$400 hammers and \$600 toilet seats, but we need realistic long-term budgeting. The Defense Department has been assured of a six to eight percent increase in spending after inflation every year, but under the present system we can't buy very many of each type of weapon — six of one plane, eight of another, and so forth. The rate of production is low, so the unit cost is prohibitive."

Bingaman said he is proposing two-year budgeting because Congress is not equipped to handle an annual budgeting process. "We have 2000 procurement programs and 1000 R&D programs, all of which Congress has to review," he said. "We need a more meaningful review, but less often."

He is recommending that we go to a system of authorizing milestones instead of approving entire programs — this system would force the Defense Department to focus on a weapon system early in its life cycle. Bingaman also said we should not

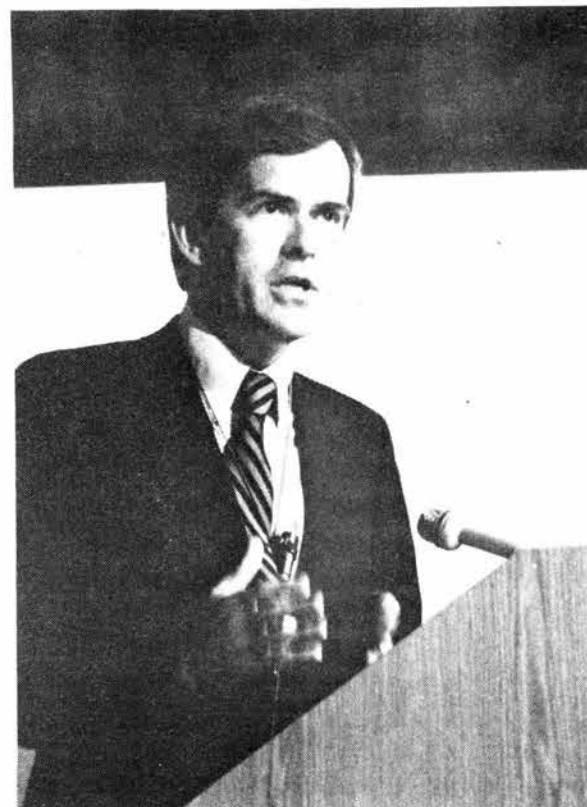
produce "a small number of superweapons" — instead we should use technology to drive down costs and extend capabilities. New weapons should not cost more than those they replace.

Talking about his recent trip to the Soviet Union, Bingaman noticed "mismanagement and inefficiency everywhere" in the civilian area. As an example he quoted three signs on the television set in his Moscow hotel room. The first read: "When not watching, keep unplugged to avoid fire." The second, "In case of fire, smother with blankets." And the third: "If you are not actively fighting the fire, please leave the building to avoid poisoning by noxious fumes."

Bingaman's trip was sponsored by the Armed Services Committee and the USSR Academy of Sciences. He spent eight days visiting Moscow, Leningrad, and Novosibirsk, the "Science City" in Siberia. The purpose of his trip was to explore opportunities for improved cooperation: "We didn't try to see Gorbachev, but I had interesting discussions with officials about the upcoming summit meeting and the arms control talks in Geneva. The trip was a very useful way for me to evaluate the information we receive at the Armed Services Committee."

"The level of distrust between the US and USSR is very great," he observed. "Solutions are not short term — it'll take some significant period to improve relations. There's no alternative to continuing arms negotiations; even though the prospects are dim, talk is still the best option."

"Much more attention has to be paid to



SEN. JEFF BINGAMAN addressed a Sandia Colloquium audience last month.

verification — an area in which Sandia can make a major contribution. The record of Soviet noncompliance raises the standard of future agreements in that they will require iron-clad verification. The rapid pace of qualitative improvement in weapon technology undermines our ability to verify weapons agreements."

Some additional remarks:

*On SDI:* "The problem is that it's all things to all people. I voted for \$2.8 billion proposed by Sen. Glenn for 1985-86. The amount is at a reasonable level. One concern I have about SDI is that it can give us an improved offensive capability to destroy satellites."

*On conventional weapons:* "Sandia can contribute by applying the same development and testing techniques it uses for nuclear weapons. Improved conventional weapons would decrease the need to use tactical nuclear weapons in Europe in case of a confrontation."

*On the Soviet test moratorium:* "They have been extremely shrewd in putting us in a difficult position. I would favor a moratorium if they would consider intrusive verification."

*On South Africa:* "The South African government needs a strong dose of reality. It is a moral issue for many people in the world. The situation there is rapidly deteriorating, and it is obvious that the administration's policy of 'constructive engagement' has not worked."

*On national energy policy* [in answer to a question]: "Are you suggesting we have one? We're losing valuable time by backing off from research on alternative energy sources. My fear is that we'll be using photovoltaic cells in a few years, but we'll buy them from the Japanese."

• Carl Mora (400)

### Sympathy

To Martha (2632) and Sid Jimenez (153) on the death of his father, Aug. 28.

## Brian Dodson in Concert Sept. 22

Brian Dodson (1131) will present a concert Sunday, Sept. 22, at 4 p.m. at St. John's Episcopal Cathedral downtown. He will sing Schubert's art song cycle "Die Schöne Müllerin" with lyrics he translated from German to English.

Franz Schubert, a popular early 18th century composer, created the modern German art song, and "Die Schöne Müllerin" is the first work that tells a connected story through the lyrics and music. It consists of 20 songs, with piano accompaniment, that tell of the life, love, abandonment, and death of a young journeyman miller.

"It is remarkable for being one of the best realized song cycles ever written," Brian says, "springing up without any precedent in the musical repertoire. In an attempt to make the piece more accessible to a general audience, I perform the cycle in English. The translations of others either drastically changed the meaning of the



TENOR BRIAN DODSON (1131) presents "Die Schöne Müllerin" by Schubert at St. John's Episcopal Cathedral at 4 p.m. Sunday, Sept. 22. He translated the lyrics from German into English.

songs or were not very singable. Although German art songs are most often sung by lower voices (baritone or bass-baritone), Schubert's song cycles were written for a tenor, so I'll present the concert in the vocal timbre Schubert intended."

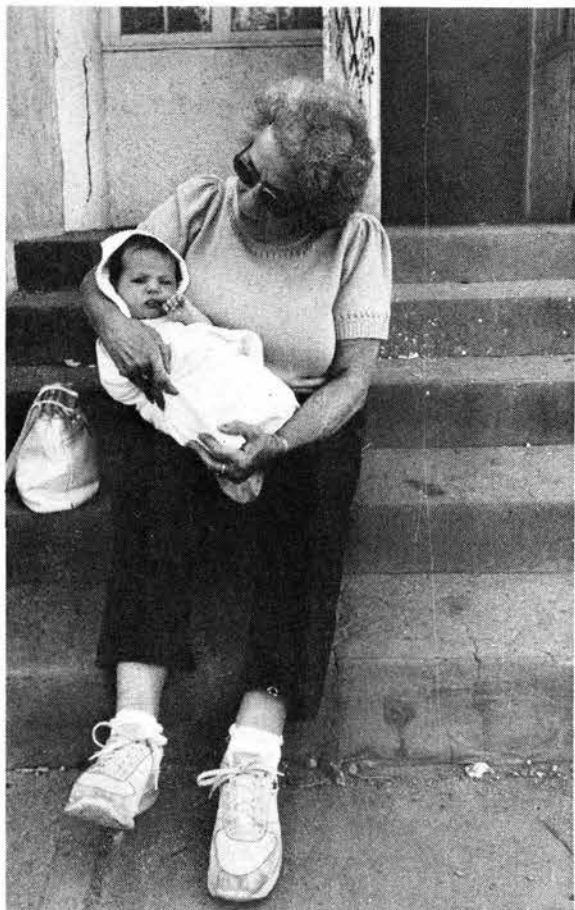
Brian has been active in Albuquerque theater for several years, performing in ACLOA and Vortex productions. His most recent role was that of Lord Capulet in the Vortex production of *Romeo and Juliet*. He is also a soloist with the St. John's Cathedral Choir.



## Community Needs Exceed United Way's Capabilities

The United Way of Greater Albuquerque, supported by Sandians through the Employee Contribution Plan, is an organization of volunteers, working together to make sure that health and human care programs are there when people need them.

The pictures on this page, from a few individual agencies, are representative of community needs being met by UW-funded programs. Although these are typical programs, the UW supports health and human care programs offered by more than 40 participating agencies.



**SHELTER FOR VICTIMS OF DOMESTIC VIOLENCE** — In 1984, 1848 victims of physical or emotional abuse received crisis intervention services at the Shelter. Here, a staff member cares for an infant so the mother can seek a job.

1. In Albuquerque, police respond to an average of 650 domestic disturbance calls every month. Existing shelters can serve only about 10 percent of these.
2. One out of every five women and one out of every 11 men are sexually abused before age 18.



**MULTIPLE SCLEROSIS SOCIETY** — In 1984, about 300 individuals with MS used equipment provided by the equipment loan program at Multiple Sclerosis Society and 50 people participated in the aquatic therapy program.

1. One thousand New Mexicans are afflicted with multiple sclerosis.
2. MS generally attacks people between ages 20-40. There is no cure; it's a lifetime handicap.



**ADELANTE DEVELOPMENT CENTER** — In 1984, 93 mentally and/or physically disabled individuals received job training and placement at the Center. Packaging cassettes is one skill taught.

1. Total government resources for job development and related services for the disabled decreased 156 percent from 1980 to 1985.
2. New Mexico has the highest rate of birth defects in the nation.



**MARTINEZTOWN HOUSE OF NEIGHBORLY SERVICE** — In 1984, 2600 meals were served to senior citizens.

1. Eleven percent of people 65 or older in Bernalillo County are below the poverty level.
2. Approximately 3500 of Bernalillo County's 65 or older population are on Supplemental Security Income.



**CHRISTINA KENT DAY NURSERY** — In 1984, 100 children received day care services.

1. Approximately 46 percent of women with kids under age 6 in Bernalillo County work outside the home.
2. In Albuquerque, there are 13,000 preschool kids with working mothers and only 8200 licensed day care slots available.



**SUICIDE PREVENTION CENTER** — In 1984, 8661 victims of physical or emotional abuse received crisis intervention services through Suicide/Crisis/Emergency Telephone Service. Here, a volunteer and her supervisor attempt to prevent a teenage suicide.

1. The suicide rate in New Mexico is 50 percent above the national average.
2. In New Mexico, in 1984, there were 247 documented suicides; 62 of them were between 14 and 25 years of age; 17 of the 62 were in Bernalillo County.



## Researching Leads to Renovation

The people who run the Shelter for Victims of Domestic Violence needed a volunteer historian to search out the history of their building complex. Even though the complex is already listed in the National Register of Historic Places as a part of a historic neighborhood, they wanted it listed individually to preserve its historical value and to assist in securing financing for its restoration.

Having found help through Karen Shane (3163) and VIA in the past, they called Sandia, and Karen came through — she matched Larry Lopez (3151) with the Shelter staff.

Larry, a tech writer at Sandia, calls himself a "history freak." After a 20-year stint in the Navy, he earned a BA and an MA in history and completed all his course requirements for a history PhD.

"I find history really interesting, no matter what aspect," Larry says. "You can spend months and months reading old newspapers and documents, always hoping you'll find a bonanza."

Larry has spent about three months working on this project doing research at UNM when he has time. And he did find a bonanza — an actual edition (not merely a microfilm copy) of the May 6, 1932, *Health City Sun* dedicated to the complex when it was a tuberculosis sanitarium. He was able to get a copy of the paper, which is still published weekly, have it laminated, and give it to the Shelter.



DOING HISTORICAL RESEARCH is one of Larry Lopez's (3151) favorite pastimes. And he had plenty to do when he researched the history of the building that houses the Shelter for Victims of Domestic Violence. Here, Larry pores over old newspapers in the archives of UNM's library as he looks for mention of the building when it was a TB sanitarium.

The building, Larry has learned, was a TB sanitarium and convalescent home from its founding in 1916 until 1941, when it suffered serious fire damage. During that period, it changed hands several times and was at one time owned by the Rev. Hugh Cooper, founder of Presbyterian Hospital.

From 1941 until 1982, when it was acquired by the Shelter, it was used as an apartment building.

"The complex is valuable historically because it's the last intact TB sanitarium in

Albuquerque left from the days when people came here for the 'cure,' " says Victoria Prinz of the City's Historic Landmarks Survey office. "At one time, there were hundreds, but all the others have either been bulldozed or modified beyond recognition."

Once Larry finishes the historical overview, the Shelter will be eligible for matching grants for renovation. Any renovation, however, must maintain the historical integrity of the building.

The location of the Shelter must be kept confidential to protect clients.

## Fun & Games

**Golf** — Winners of the recent SGA Mountain Classic played at Los Alamos were Dick McCann (7123) and Scott Strong (322), A flight; Ken Varga and Richard Harris (both 2542), B flight; Manuel Chavez (dep.) and Goldie Lane (ret.), C flight.

\* \* \*

**Women's Golf** — The Sandia Women's Golf Association has held two major 18-hole tournaments recently. Low net winners at Arroyo del Oso were Pat Anderson (7522), A

flight, and Joyce Herman (151), B flight. Mary Gonzales (7241) and Eleanor Kelly (ret.) were low net winners in flights A and B at the UNM South tourney with Phyllis White (5170) and Barbara Hilton (DOE/FMD) the low putts winners in flights A and B.

\* \* \*

**Running** — Pete Richards (1112) took first in the 50-54 age category in the recent Pike's Peak run, completing the 13.4-mile race to the top of the 14,100-foot mountain in 2:43:22. LAB NEWS is not sure, but we think Pete's time is a record in his category. We'll find out in October when Pete returns from China.

## Congratulations

Claire Evans (3523) and Stan Ford (Sandia recreation manager), married in Albuquerque, Sept. 6.

Regina (5144) and Gregory Gonzales, a daughter, Sarah, July 22.

Debi Edwards (3322) and Wallis Crummond (6414), married in Albuquerque, Aug. 24.

Tara Allen (1654) and Michael Lawler, married in Albuquerque, Aug. 23.

Steve (1815) and Mary Kurtz, a daughter, Jean Meredith, Aug. 30.

Marti Bell (5320) and Neil Cohen, married in Las Vegas, Nev., Sept. 7.

Rena Haynes (7524) and David Harris (2336), married in Albuquerque, Aug. 17.



FIRST WINNER of 7400's "Materials Process Engineering and Fabrication Directors Award," went to Wayne Trump of Education and Training Division I 3521 for his work in support of 7400's apprenticeship program. "Wayne has been a stalwart proponent and advocate of the apprenticeship program for years," says 7400 Director Jim King. "He richly deserves the first award." The award, the larger of the two plaques Wayne is holding, will go next year to some other Sandian who has performed outstanding work in the apprenticeship area. Wayne will keep the replica in his right hand.

Chris (2345) and Peggy Allen, a daughter, Emily Ann, Aug. 14.

Mae Lambert (1845), a daughter, Michelle Renee, Aug. 4.

## Welcome

### Albuquerque

Lee Ann Cavanaugh (134)

Joe Vigil (7831)

### Arizona

Ronald Dykhuizen (1511)

### California

Marjorie Whipple (7832)

### Illinois

Edward Marek (1524)

### Maryland

Neal Shinn (1134)

### Nebraska

Stan Rosinski (7263)

### New Mexico

Jack Schendel (314)

### Oklahoma

David Plummer (2545)

### Pennsylvania

William Casey (1543)

### Texas

Georgianne Huff (7842)

Marty Noland (3531)



# feed back

*Q. I am enrolled in the AT&T Voluntary Contribution Plan. I chose the guaranteed interest, which last year was 12.3%. When the statement finally arrived (after inexcusable delay), I received only 10.25%. Why? And why are not non-AT&T plans that would really benefit employees (such as 401k) offered?*

A. The Prospectus for the Voluntary Contribution Plan states the insurance carriers guarantee the crediting of interest at a stipulated effective annual rate; i.e., 12.3% for the effective date of the Plan, through December 31, 1984 — on *Fund assets*. Fund assets are those which have been received by the Trustee (Bankers Trust) and distributed to the insurers. Payroll deductions for the VCP are not Fund assets for purposes of interest crediting until they are remitted to the Trustee and received by the insurers. Thus, the trustee pays the guaranteed rate in the current year on deposits as they are received. Since most participating companies' deposits do not arrive at the trustee until sometime after the first of the month, the sum of interest amounts paid on the aggregate total of the deposits will not equal the guaranteed annual rate for the current year in which deposits are made.

Fund assets the trustee has for the entire year will of course earn the full 12.3%. Consequently, the impact of deposits made late in the current year on total fund assets will be diminished as time goes on. Since the VCP is a relatively new program, the late deposit effect is magnified.

We regret that the AT&T Savings Plans do not meet your individual investment needs or goals. As you are aware, Sandia cannot unilaterally install a 401K plan as you suggest. AT&T, our parent company, is aware that 401K plans do have some desirable features. If, at some future date, the 401K approach is implemented at AT&T, Sandia will consider it as well.

L.H. Pitts — 3500

*Q. I wonder if Finance is actually furthering itself by cutting down on its hours, considering the many people standing in line for such long periods. Perhaps this benefits Finance, but is Sandia as a whole benefited financially?*

A. The customer service hours in Finance have not changed for either Monday or Friday. Since the reduction of hours for Tuesday, Wednesday, and Thursday, customer traffic has increased during the first open hour on Tuesday. However, other than this initial hour, few people are required to wait. We encourage people to transact their business during these light periods.

Q.B. San Hamel — 4000

*Q. Why don't we have condensed but comprehensive written procedures for establishing a vault-type computer room, and why don't we get the same instructions from each Security group, i.e., Computer Security, Plant Security, and the Security Auditors?*

A. Since we collected our long-standing computer security efforts into a Computer Security Division in 1979, we have been attempting to address several problems at once with a limited number of staff. Given a choice between addressing technical security problems and improving our paperwork, we have chosen to emphasize the former. We are now diverting additional staff from other areas to Computer Security, partly to get our paperwork in better shape. Once completed, you should have available a more useful set of documentation as to what is required. At the same time, two new committees are being created to coordinate security related issues involving Computer Security, Plant Security and Plant Engineering.

R.J. Detry — 2600

*Q. What are we supposed to do with unwanted computer software? The Computer Center doesn't want it back, I don't have room to store it, and I certainly don't want to throw it away. Can't Sandia poll the local schools to see which ones are using IBMs in their class instruction and donate the software to them?*

A. Your suggestion to put unwanted or outdated personal computer software to good use by passing it along to non-profit or educational institutions is well taken. However, software license agreements and software copyrights are to be strictly observed. Most of these agreements permit transfer within the organization itself, but deny the right to copy except for needed backups. Therefore, transferring such programs to other organizations outside Sandia could constitute a breach of Sandia's legal obligations. As you may have heard, several lawsuits are now pending against corporate users for failure to comply with licensing agreements.

The Small Computer Support Center in Div. 2613 will accept your unwanted programs as excess material. If applicable, they will be added to the SCSC library of programs to be borrowed on a trial basis by interested users. Multiple copies will be retained and reissued to Sandia organizations upon request.

R.J. Detry — 2600

*Q. I have just completed certification as a cardiopulmonary resuscitation "Heart Starter" in a course administered by the American Heart Association. When I asked Medical if I should identify myself (by the means of a notice on my office door, for example), the response was, "Did you become certified through us? Are you on our roster?" Told "No," Medical did not seem to be interested. I find this corporate policy disturbing. Am I to assume that I am not to practice CPR on company premises (even though certified by AHA) under any circumstances, and possibly let someone die?*

A. The Medical Department has always been extremely interested in the promotion and teaching of CPR. We have been deeply involved in the teaching and the ongoing recertification to maintain proficiency

levels in CPR. Over 600 Sandia employees are recertified each year; new classes are offered monthly, and are always fully subscribed. We do encourage individuals in-house to display a CPR badge somewhere around their desk. We strongly encourage anyone who has CPR training, no matter where that training was received, to make known their special expertise and join in the ongoing effort to save lives by this particular skill. Anyone having taken CPR in any other program is quite welcome to be on our roll for yearly recertification.

P.B. Mossman, M.D. — 3300

*Q. I understand that the Electrical Engineering department at UNM will no longer accept transfer credits from 2-year technical institutes. Where does this leave people who wish to pursue a degree under Sandia's EAP program who have invested two years in an associate degree? Is this policy change because UNM's accreditation may be in jeopardy? One of the reasons for hiring in at Sandia is the education benefits, so it appears that UNM is shutting the door to a lot of people. It's not worth the effort if you have to start your education from scratch again.*

A. The acceptance or non-acceptance of credit from other schools by UNM has no bearing on UNM's accreditation. Credit transfer decisions are made on a case-by-case basis by the UNM department from which a student is seeking a degree, using guidelines provided by UNM's administration. If you have specific questions on the transferability of credits, you should contact the appropriate UNM department. We will help you arrange the contact.

Sandia's Education & Training Department advises SNL technical institute (TI) graduates that they should expect to receive little if any transfer credit from UNM for their previous work. The TI associate degree and the BS degree serve two different objectives. The TI curriculum is more practical; the BS program is more theoretical. Consequently, most universities, including UNM, feel that a TI curriculum tends to have limited applicability to a BS program.

L.H. Pitts - 3500

## Death

Art Littleford, supervisor of Stockpile Evaluation Program Division III 7263, died Aug. 29 after a brief illness. He was 53.

He had worked at the Labs since March 1958.

Survivors include his wife, a son, and a daughter.







ENJOYING SOME LOCAL LIQUID REFRESHMENT, the travelers gather for a group portrait on the beach at Methana. From left, Dickie and Goetz Steudel, Ray (6225) and Patti Klein, and Gwenn and Jack (6225) Cyrus.



SAILING ALONG AT SEVEN KNOTS, Jack savors the last day on the boat.

## Unusual Vacation

# Suds and Sailing — The Best of Both Worlds

Jack Cyrus and Ray Klein (both 1621) and their respective wives, Gwenn and Patti, like to sail.

But Jack's German-born wife, Gwenn, still has relatives in Germany. And both couples had long wanted to vacation there, especially at Munich's famed Oktoberfest time. But Munich, with its near-Alpine setting, doesn't offer much in the way of sailing. So almost as a joke, Ray suggested they go sailing in Greece.

Jack discovered from sailing magazines that arranging for a 10-day sailing trip in Greece wouldn't be all that difficult. The Greek Private Sailing Club rents its members' privately owned boats to other experienced sailors. So the Cyruses and Kleins arranged to rent a 40-foot sailboat for 10 days at about \$160 a day. Since the boat would sleep six comfortably, they invited Gwenn's sister and brother-in-law, Dickie and Goetz Steudel, who live in Wangen, West Germany, to go along.

The stage was set for a very unusual vacation — the Alpine area of southern Germany, Austria, Switzerland, and Liechtenstein, the Oktoberfest in Munich, then 10 days of sailing in the Aegean Sea.

The Cyruses and the Kleins spent more than a week traveling the area south from Frankfurt, visiting Gwenn's relatives, and seeing the sights. "If you can manage to arrange native guides, you'll of course see more than the average tourist," Jack says.

After meeting Dickie and Goetz, the group visited three other countries — Liechtenstein, Switzerland, and Austria — and all in one day. Then they headed for Munich.

"I'd always wanted to see an Oktoberfest, and I wasn't disappointed," Jack says. But after two days of sampling the beer and the sights of Munich, the three couples were ready for their sailing adventure.

They flew to Athens and took a quick tour of the Acropolis, the archaeological museum, and the Old Town (Plaka). "There are interesting things to see in Athens, but it really is a big, crowded, noisy, polluted city," Ray says. They were ready for the open sea and some island hopping.

The next day, they headed for Athens's port city, Piraeus, and by noon they were

ready to set sail — not exactly sure where they were going.

"It was a great adventure," says Ray. "Each morning, we'd get up, make some coffee, and ask, 'Where will we go today?'"

"Essentially we just sailed out for five days, then sailed in for the other five," Jack adds.

Their 10-day route-by-chance took them along the coast and among the small islands off the Peloponnesian Peninsula as far southwest as the island of Spetses and back by a slightly different route around different islands to Piraeus.

"We'd sail or swim or windsurf most of the day, then dock someplace, go ashore, and find a place to eat dinner," Jack says.

Their trip was during the off season (October), so they never had trouble finding restaurants. In fact, head waiters stood outside and competed for the group's patronage.

"And we had wonderful food," Jack says, "—steaks, shish kabob, fresh seafood, Greek salads, feta cheese — good wines and ouzo." Their evening meals cost \$3 to \$7 each.

Bathing and washing clothes weren't a problem either. "We would soap up, take a swim in the salt water, and then rinse off under the solar shower on the boat," Jack says. "And we didn't have a problem with clean clothes because we wore our bathing suits most of the time."

"The water was beautifully clear," Ray continues. "You could see 30 feet to the bottom. But you shouldn't expect good snorkeling or scuba diving. We saw hardly any fish and no vegetation at all."

"We really didn't see one-tenth of what was available. We just didn't have time. But the time we did have was fun and relaxing."

German speakers call it *gemütlich*. We English speakers have no one-word equivalent. Generally speaking, it describes a relaxed, convivial atmosphere or mood — pleasurable, "laid back." From the suds in Germany to the sailing in Greece, that's the kind of unusual vacation the Cyruses, the Kleins, and the Steudels had — *gemütlich*.

**Logistics:** Jack and Ray made most arrangements themselves. Cost per couple for the entire 24-day vacation was approximately \$3500.



SIPPING THE SUDS — Ray looks on as Patti samples a liter of Munich beer during the Oktoberfest.



SOLAR SHOWER came in handy for Ray to rinse off after bathing in sea water.

## Real Men Don't Use Keyboards



"If this much-ballyhooed machine is really going to be the technological centerpiece of our future, why haven't more high-level managers signed on? The answer usually given is technophobia — fear of new technology, specifically computer technology — in one of its many pernicious forms. At the lighter end of the spectrum are supposed executive concerns that might be lumped together under the rubric: 'They laughed when I sat down at the keyboard.' Your average manager, the theory goes, is desperately afraid of typing.

Walter Kiechel III in *Fortune*



# MILEPOSTS

## LAB NEWS

SEPTEMBER 1985



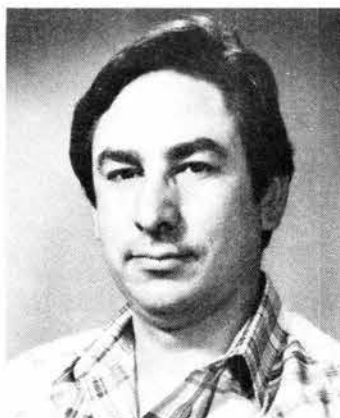
Pat Chisholm (3144) 20



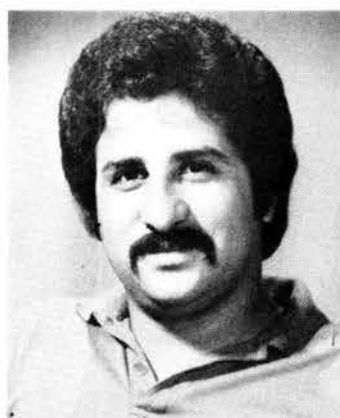
Neil Horton (5321) 20



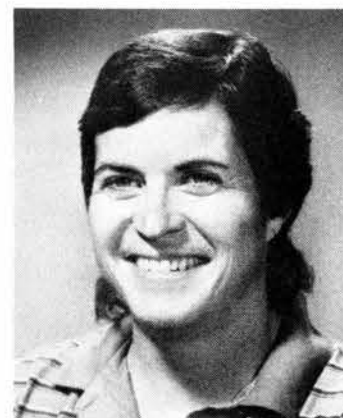
Bob Stromberg (4041) 35



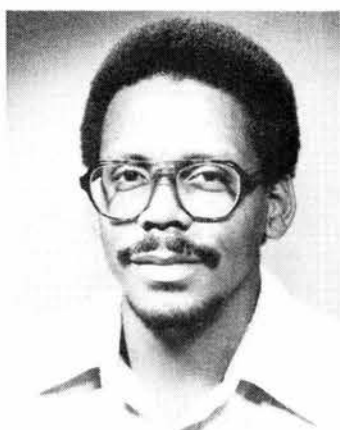
Thomas Archuleta (7482) 10



Paul Gabaldon (2361) 10



Beany Hall (7811) 10



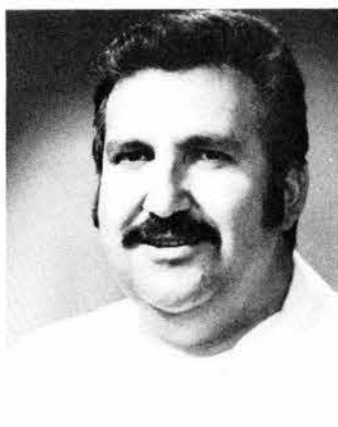
Mike Carson (7815) 10



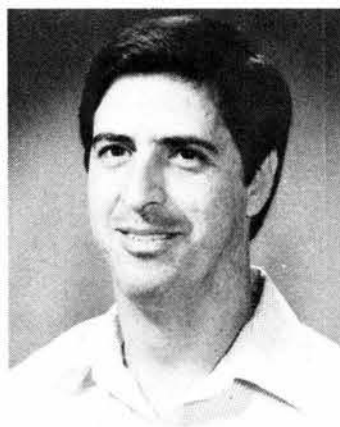
Al Luna (3436) 15



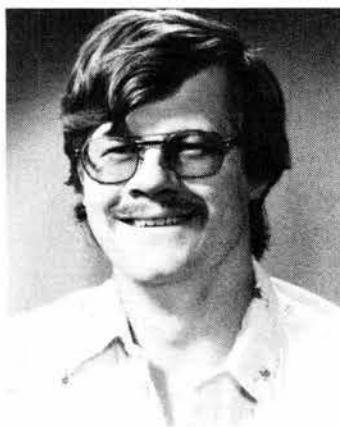
Bill Neil (3423) 35



Gilbert Polaco (7474) 10



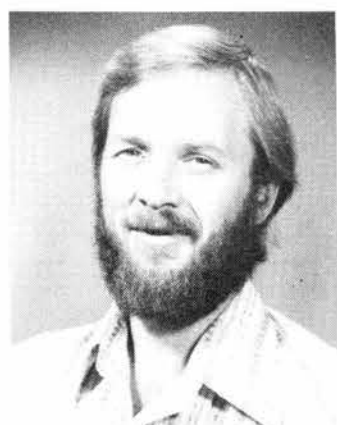
Luis Martinez (2335) 10



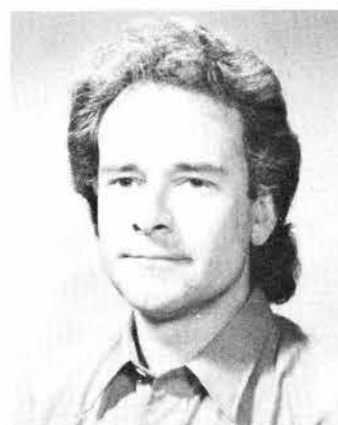
John Lanoue (7472) 10



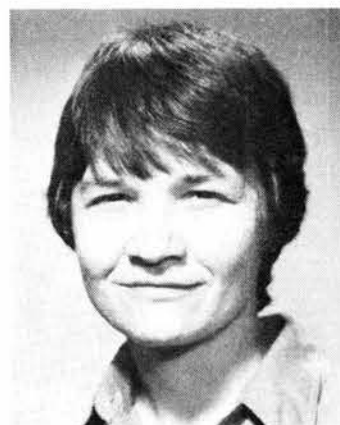
Aurora Baca (3152) 25



Jesse Kanninen (7481) 10



Norberto Garcia (7818) 10



Jean Williams (7481) 10



Gerald Fowler (1134) 10



**Deadline: Friday noon before week of publication unless changed by holiday. Mail to: Div. 3162.**

#### Ad Rules

1. Limit 20 words, including last name and home phone.
2. Include organization and full name with each ad submission.
3. Submit each ad in writing. No phone-ins.
4. Use 8 1/2 by 11-inch paper.
5. Use separate sheet for each ad category.
6. Type or print ads legibly; use only accepted abbreviations.
7. One ad per issue per category.
8. No more than two insertions of same ad.
9. No "For Rent" ads except for employees on temporary assignments.
10. No commercial ads.
11. For active and retired Sandians and DOE employees only.
12. Housing listed for sale is available for occupancy without regard to race, creed, color, or national origin.

#### MISCELLANEOUS

ROWING machine, electronic, Pro-Form model, gas pressurized shocks, ball bearings, cost \$410, sell \$295. Barr, 821-5870.

SHELL for small pickup, short bed. Maestas, 831-4072 after 5:30.

LADIES gold wedding band, sz. 7; white-gold promise ring, sz. 7; wedding dress, sz. 11, off-white, bouquet w/veil, \$100. Leatherman, 268-3754.

OBOE, w/music stand, \$175. Altweis, 292-3884 after 5.

LUGGAGE rack, full-length stainless steel for VW bus or camper. Lucero, 294-0866.

SAFETY ramps, port. for auto. maintenance, used twice, new \$22, sell \$15. Schkade, 292-5126.

HQ170 ham RCVR, \$80; Q-size water bed, \$100. Boyd, 299-8523.

SEARS high gambrel metal storage bldg., 9'x10', new, unassembled, \$150; 4 wood bar stools, \$75. Zipperian, 821-2309.

CAMPER shell, long bed; '74 Karman Ghia; 8-21 self-contained trailer; stereo, portable; bar stools; bedspread; recliner; playpen; desk. Silva, 897-2857.

LADIES ski boots, Raichle, size 7, \$20. Byars, 294-6676.

PROFESSIONAL dog hair dryer, 2-spd., lg. metal adjustable arm, on tripod; new trailer hitch, HD. Kindschi, 256-0531.

FLEXSTEEL armchair; GE Spacemaker microwave, less than year old, 5-yr. warranty; duplex (trundle) bed w/linens. Reger, 268-9358.

D-41 Martin guitar w/hard case, left handed, \$1400. Perryman, 281-3020.

SPEED QUEEN washer, 5 yrs. old, almond, stainless steel tub, needs timer, \$50; TI99/4A computer, cassette interface, \$60. O'Neal, 821-0566.

SOFA bed, \$450; Sealy Posturpedic king bed/frame, \$400; Lane cedar chest, \$125; student 3-dwr. desk, \$50. Hill, 836-1006.

FM wireless intercom, \$35/pr.; push lawn mower, \$35; dropleaf maple table, \$50. Smith, 296-1908.

COLEMAN camp stove, \$20; Honeywell ultrasonic room intruder alarm, \$25; gas detector, \$20; auto manual, motors, '65 through '72, \$20. Mauldin, 265-5650.

GAS dryer, Norge, new thermocouple & pilot light, \$80. Brion, 298-1761.

COUNTER top w/sink & faucet, yellow, 77"x23", \$100; typewriter, Olympia port., w/case, \$75. Strance, 298-0258.

TWO 5' bullsnares & lg. aquarium enclosure. Cropp, 296-1877.

BALDWIN Fun Machine, 2 keyboards one level, rhythm section — waltz, swing, etc. — w/many instruments — piano, organ, guitar, etc. Ottinger, 242-7935.

YAMAHA flute. Huston, 898-7948.

SLR 35mm camera, Chinon CEII auto.,

35mm, 55mm, 135mm, 35-105mm lens, 2X converter, flash, carrying case, \$450. Bartholomew, 266-2330.

CASSETTE case, 9 1/2 D rockclimbing/hiking boots, new; suitcase; clothes, framing supplies, more, moving sale. Ricker, 293-1847.

19" COLOR TV, \$125; 6-string guitar, \$125; complete B&W darkroom w/Beseler 23C II enlarger, \$450. Shepard, 294-7663.

GYM PACK, Sears, plus \$90 worth of extra weights, both for \$150. Champe, 299-0066.

LAWN mower, rear-bagging, electric, needs repair, \$25. Simons, 821-9343.

TRACTOR, 16HP John Deere Model 300, hydrostatic drive, hydraulic lift, w/plow, blade, scarifier, 5x8 trailer, \$4K, OMO. Hughes, 299-6674.

SUNBEAM 19" elec. mower, \$80. Moyer, 881-3879.

SKI boots, Solomon SX80 & SX70, both size 330, fits 8 1/2 to 9 foot, \$70 & \$40. Monroe, 298-4106.

SKIS, 180cm Dynastar Omeflex w/Tyrolia 270D bindings, \$100. Conley, 255-7241.

DENIM Snuggli, \$25; Century wind-up swing, \$20; Kodamatic Champ instant camera, \$10. Renschler, 293-5782.

2000 WATT Sears generator, 5HP, 120 volts, \$700 new, sell \$400. Douglas, 281-9504 after 7.

EL CAMINO shell, will fit 1968-71, \$175. Gonzales, 888-3251 after 5.

SEARS walker/jogger, \$100; Sears exercise bike, \$85. Hobart, 255-7749.

STAR-DIAMOND lapidary saw, 8", accessories, \$300; Lorotone drum tumbler/abrasives, \$25; Star-Diamond lapidary arbor w/accessories, \$150; chain saw, 15", \$100. Spatz, 299-7462.

ELECTRIC wall heater, 220 volt, 5000 watt, fan driven, adjustable, thermostatically controlled, \$50 OBO. Kubiak, 265-6525.

'83 KOMFORT 40" travel trailer, tip-out, dual A/C, W/D hook-up, storm windows, Levelor blinds, roll-out awning. Daut, 255-2529.

AKC Silky Terriers, small pups need loving homes, 2 males, 1 female. DeBaka, 898-5356 after 4.

WOOD doors, 2, 79 1/2"x31 1/4", \$25 ea.; mini-trampoline, \$35. Ferrell, 256-0085.

NEW H78-14 snow tires; French Provincial bedroom set; bar stools; 1.7 cu. ft. refrig.; drape rods; hanging chair; car jack. Otts, 884-5072.

FLUTE, Artley, B-Flat, w/case, \$150; FP screen, antique brass, 4 1/4 w x 2 1/4 h, \$35. Stomp, 298-3824.

CLARINET, wooden, student, Evette & Schaeffer, \$100. Mathews, 881-7368.

PEEKAPOO female dog, spayed, housebroken, all shots, \$75. Jacobs, 265-4385.

VIOLA, 3/4 size, \$300 OBO; Bundy clarinet, \$250 OBO. Fisher, 293-2864.

CORNING range, copper tone, w/matched cookware. Caton, 294-4490.

POOL, above ground, 18'x15'x4', 3/4 HP pump filter, new liner, ladder, \$350. Hill, 293-2376.

SINGER sewing machines; stereo speakers; coffee table; bamboo chair/table; lamps; stainless; dishes; glassware; paintings; linens; baskets. Holland, 4028A Baker, Kirtland, 266-1950.

BEDROOM suite, 5-piece: triple dresser, new queensize mattress & box springs, \$500. Horne, 884-7821.

DINING table, oval gateleg, hardwood mahogany finish, 48Lx42W, \$225. Dalphin, 265-4029.

REFRIG/FREEZER, \$50; Craftsman table saw w/stand, \$150; Yale 3-ton pull-hoist, \$50; post hole digger, \$8. Mozey, 822-0296 after 5.

SEARS Kenmore sewing machine w/wood cabinet, \$75; cool mist humidifier, \$5; popcorn popper, \$10. Vigil, 869-6870.

TRAVLITE camping trailer, for motorcycle or small car, 310 lbs., 25 hitch weight, 78"x42"x3" foam bed, dinette, more. Striker, 299-7276.

APPLE IIe computer monitor, needs new logic board, for spare parts or

repair to use, \$35. Steele, 883-7460.

SLIDING patio door, 6' wide, \$50 OBO; fluorescent 4-tube fixture, 8' long, \$50. Borgman, 299-6010.

TI professional computer, 2 floppy disk drives, monitor, printer, 128K memory, MS-DOS, BASIC. Koterak, 281-1631.

SWIVEL chair, \$15; overstuffed chair w/hassock, \$25; picnic table w/benches, \$15; 15.5 cu. ft. refrigerator (needs repair), \$30. Linn, 296-3176.

FURNITURE: teacher's desk from 50s, golden oak, \$150; day bed w/1 bolster & table, \$35; area rug w/pad, 8'x10', wool, black/white/brown geometric design, \$25. Pate, 293-5393.

BASS amplifier, Crate CR-285, 150W, 2 15" speakers, \$425 OBO. Pierce, 299-2801.

FURNITURE: sofa & love seat; sleeper sofa; coffee table; dinette set; full size bed; Kenmore washer. Haynes, 836-2168.

SOFA & love seat, gold w/wood trim; coffee & 2 end tables; TV stand; Panasonic stereo. Clement, 299-1501.

COLT Ace, 22LR Gov't. model auto, \$375; 30 cal. M-1 carbine, new stock & sling, \$175. Greenwoll, 298-0959 after 4.

DOUBLE size bed complete w/frame, \$100; misc. tables, chairs, floor lamp; misc. camping equipment. Balint, 298-2652.

SEARS chain saw, 14" bar, 2.6 cid, \$85; overcab camper for SWB Datsun, etc., w/stove, catalytic heater, ice chest, more, \$1400. Copeland, 266-3161.

CARPET, pale green nylon, 12'x12" w/pad, \$38; Yamaha flute, \$195. Caskey, 294-3218.

CHILD'S desk, \$45; Britannica Jr. encyclopedia, \$25; recliner chair, \$75; gold chair, ottoman, \$100; coffee table, \$30. Falacy, 293-2517.

MATTRESS & box spring for twin bed, \$40. Caskey, 296-6372.

DINETTE set, formica 47"x36" table w/12" leaf, 4 vinyl padded, swivel chairs w/casters. Linnerooth, 299-6558.

GE 15" B/W port. TV, \$20; Mediterranean style recliner, \$20. Turpin, 281-5933.

SHOTGUN, 20 ga. Westernfield (Mossberg), C-lect choke, \$100; Ruger 10/22 rifle, \$65; Ruger Single Six convertible, early flattop, \$200. Ludwick, 296-6447.

PORTABLE dishwasher, \$100; glass/oak coffee table, sofa table, end table (set) \$400; ceiling fan w/light fixture, \$50; console TV (needs picture tube) \$85; brown carpet w/pad, 10x13, \$100. Sanchez, 897-0743.

HANGING lamp, 4 candle-like lights enclosed in glass. Stewart, 298-3332.

YEARLING Arabian stud colt, chestnut w/fox mane & tail, white sox in back, \$750 OBO. Frazier, 345-7189.

CUSTOM drapes & hardware, 72"Wx52"L, \$25; used Corning counter insert, 12"x16", \$5; walnut glass top coffee table, \$20. Switendick, 255-1003.

BBQ grill, \$35; fp grate w/blower, \$35; fp screen, \$15; elec. broiler, \$15; Realistic speakers, \$50. Anderson, 281-1560.

TWO garage doors, 8' wide, 7' high, metal, single panel, swing-up, \$50 each. Bruneseke, 836-0459.

COMPUTER: TRS-80 w/16K memory & extended BASIC installed, \$100 OBO. Skogmo, 898-6013.

QH gelding, 5 yrs. old, black, trained, can be ridden western or English, \$1000. Gruer, 296-8163.

#### TRANSPORTATION

ULTRALIGHT aircraft, Mirage 3-axis w/parachute, instruction required, trailer available, best offer. Rand, 299-1048.

'72 SUBARU wagon, 4-cyl., all or parts. Leatherman, 268-3754.

BOY'S 10-spd. bike, 24" tires, \$50. Cooper, 884-1363.

'78 OLDS Starfire SX, 78.5K miles, 6-cyl., AC, 4-spd., AM/FM, \$1750 OBO. Branstetter, 292-6369.

'80 CAMARO, V6, AT, PS, new tires & paint. Potter, 299-6053, 892-1734.

'78 OLDS Delta 88, new tires & battery, AC, AM/FM cassette; '79 Plymouth Arrow pickup, AM/FM cassette, new battery. Blankenship, 242-1219.

'79 CHEVY pickup, 3/4 ton, 350 eng., HD deluxe, low miles, roll bar, w/lights & spot light, reinforced bed & sides. Lucero, 294-0866.

'85 MERCURY Lynx, take over payments, 9.5K miles, AC, AM/FM cassette, digital clock kit, 5-spd., 4-dr. GS wagon. Brown, 294-8740.

HUFFY 10-spd. bicycle w/baskets, new seat & handlebars, pump, water bottle, lock chain. Shortencarier, 292-3575.

'69 FORD 1/2 ton pickup, small V8, 302, AT, camper shell & 2 racks, \$1350. Ripi, 293-6067.

'83 YAMAHA Enduro IT 175, purchased new 5/85, \$900 OBO; Matsuri 810 sport/touring bicycle, 23" Cro-Mo frame, Sun Tour Cyclone GT, Gran Compe, \$300 OBO. Zarick, 836-5703.

'72 SUZUKI 125, \$130 OBO. Garcia, 268-3848 after 5.

'79 HONDA CM-4000T, 7K miles, kept in garage, windshield, crash bars, pegs & cruise control, \$875. Perryman, 281-3020.

'75 VW Rabbit, 4-dr. hatchback, 76K miles, one owner, \$1500. Renken, 296-9713 after 6.

'56 MGA roadster, engine rebuilt, has approx. 1500 miles, new paint, new top, \$4250. Milligan, 877-5471.

'80 LUV pickup, 4-spd., AC, AM/FM cassette, Super camper shell, mag wheels, new brakes, \$3995. Foster, 299-6240.

HANG glider, model 157 Harrier II, \$800. Conley, 255-7241.

'79 DODGE Brougham mini transvan, fully loaded except shower, 31K miles, new radials, \$14,500. Gonzales, 888-3251 after 5.

'81 YAMAHA Maxim, 4-cyl., 650cc, shaft drive, full fairing, Bates trunk, cruise control, \$1500 OBO. Kubiak, 265-6525.

BICYCLE, girl's 20", blue w/banana style seat, \$50 OBO. Neidigk, 296-6727.

'73 MGB, fiberglass HT and tonneau cover, \$2400 OBO. Byars, 294-6676.

'81 KAWASAKI 750 LTD, low mileage. Montoya, 881-6898.

'69 VOLKSWAGEN van, new paint job, needs new engine, make offer. Davis, 281-1248.

'81 HONDA CX500 Custom, shaft dr., low miles, new rear tire, \$1050 OBO. Scott, 299-4398.

'76 CHEVY Nova, V8 305, 4-dr., AC, PB, PS, AT, \$1175. Keese, 299-1327.

'80 CHEVY Scottsdale, 4 x 4, 4-spd., dual tanks, 350 eng., short bed, white int., bed liner, Jackmans, \$5700 OBO. Caldwell, 294-6796.

'67 BUICK LeSabre, 4-dr., AC, AT, PS, aqua w/white top, orig. owner, \$895. Lang, 884-5288.

'78 PORSCHE model 924, all reasonable offers considered. Twohig, 344-7613, 843-6223.

'70 VW beetle, AT, 3K miles on new radials, \$995. Moss, 268-7604.

'77 CADILLAC Sedan DeVille, 57K miles, loaded w/extras, \$4500. Duimstra, 293-8235.

'75 CHEVROLET Malibu Classic, AC, PS, PB, new AT, book \$1500, sell \$950. Kerschen, 821-2848.

'68 OLDS 98 Luxury sedan, \$1500. Brown, 298-0531.

'84 TOYOTA SR5 4-wd stn., wgn., AC, AM/FM cassette stereo, \$8100 firm. McMurtry, 881-8053.

'71 VW Superbeetle, rebuilt engine, stereo, \$1400 OBO. Mora, 821-6759.

NEW Yamaha "Big Wheel" 200cc motorcycle, \$1000. Pierce, 265-1817.

'73 CLASS A motorhome, Pace Arrow, 24'; '75 Blazer, PB, PS, AT, AC, 35-gal. tank, new paint, Zucuskie, 881-4086.

'81 CHEVETTE 2-dr., \$1500 OBO. Lawrence, 281-9367.

'75 FORD Pinto stn. wgn., \$400 OBO. Rieden, 281-9491.

'77 PORSCHE 924, AC, sunroof, low mileage, all extras, \$8800. Joe, 294-7366.

'69 DODGE Dart G/T, V8, AT, PS, AC, new engine, paint, upholstery, stereo, Rallye wheels. Anderson, 281-1560.

'74 CHEV. Caprice Classic, AT, AC, PB, PS, below book, \$900. Marquez, 299-1871.

'73 FORD Pinto 2-dr., \$600 OBO. Sharp, 247-4557 after 4.

'75 TOYOTA Pickup, R/H, AT, short bed, 60K miles, \$2K. Colgan, 877-2332.

#### REAL ESTATE

TOWNHOUSE, 2-bdr., 1 1/2 bath, garage, backyard, 3 yrs. old, \$45K, \$8K down & assume loan. Sena, 836-2487.

3-BDR. house, Ridgecrest area, open floor plan, 2 baths, dbl. garage, updated kitchen & throughout, \$92K. Mauldin, 265-5650.

SILVERTON, Colo., view lots overlooking city & mountains. Smith, 298-7365.

2330 SQ. FT. trilevel, corner lot w/backyard access, RV parking, mature landscaping 3-bdr., 2 1/2 bath, lg. den w/wet bar, Buenos Aires NW, \$104K. Skogmo, 898-6013.

1760 SQ. FT., 3-bdr., 1 1/2 bath, landscaped, Dennis Chavez school dist., \$96K. Zipperian, 821-2309.

LOS LUNAS, 1500 sq. ft., 3-bdr., 2 bath, 2-car garage, in the 60s. Hunter, 865-5745.

TOWNHOUSE 2 bdr. 1 1/2 bath, jacuzzi tub, 1 yr. old, \$2K down & assume or refinance, \$69K. Gronewald, 242-6072.

MH, 14' x 70', 3-bdr., 2 bath, free-standing wood stove, refrigerator and swamp cooler, \$11,500. Vigil, 869-6870.

TOWNHOUSE, 2 bdr., 1 1/2 bath, 1370 sq. ft., fp, laundry rm., front/back landscaping, alarm, skylights, more, assumable financing, NE location. Baca, 292-5342.

TWO adjoining 1/4 acre MH lots at Meadow Lake, utilities available, recent appraisal, one or both, \$7K each, refinance. Turnage, 265-3720.

WOOD Bros. 4-bdr., 1718 sq. ft., open concept, NE near Juan Tabo & Spain. Ray, 294-7720.

'80 MH, 14 x 56 Lancer, 2-bdr., appliances, zone 2 insulation, set up on 1/4 acre lot, \$17K or assume. Davis, 877-4677.

MH, 14 x 70 Redman, 2-bdr., 2 baths, North Hills adult park. Bronkema, 821-2119.

#### WANTED

HOME for our 13-yr.-old Cairn Terrier. Hughes, 299-6674.

7 CU. FT. cement mixer, electric or gas, to rent, lease, or buy, reasonable offers only. Youngman, 892-8037.

SOMEONE to replace belt on cassette recorder. Gonzales, 296-9055.

LC3 exposure meter for Argus C3 Match-Matic camera. Bliss, 298-1589.

FEMALE roommate, share new MH, base area, own bdr. & bath, all appliances, \$235/mo. + utilities. Lambert, 892-0541.

MALE Airedale, AKC reg., seeks liason, object puppies. Shunney, 265-1620.

ROOMMATE NE heights, \$225/mo. + 1/2 utilities. Levin, 299-0891.

PROPANE tank, one- or two-gallon. Ludwick, 296-6447.

FREE room & board in exchange for female companion for partially disable woman in 50s. Gallegos, 842-0470.

#### SHARE-A-RIDE

RIDE wanted from Santa Fe to Sandia. Whipple 1-471-2478.

#### LOST AND FOUND

LOST—STONE from ring, 1/4 carat diamond; lost July 4 in picnic area or Clubhouse, reward. Smith, 298-7365.

MAN's gold diamond ring w/black background, possibly left on or near a sink, engraving inside, reward. Baca, 898-5088.





RETIRING at the end of September are (front row, from left) Vivian Schmedeman (151), Nita Bozone (5260A), Edna Lee (3715), Paul Jesse (3715), and Don Grab (2545). In the second row are Maurice Gilmer (7126), Bill Putnam (5121), Bud Newman (7211), Eddie Garcia (7542A), Ernie Gurule (7543), and Eugene Chavez (7543). In the top row are Ira Holt (1632), Gene Daniels (2853), Robert Hewes (3742), Robert Corey (3742), Joe Newton (2561), and Ken Smith (3713).

#### Coronado Club Activities

## New Board Members Elected

ELECTED to fill seven vacancies on the board of directors last week at the Club's annual meeting were Ernie Montoya (7475), Bob Schemedeman (ret.), Marv Plugge (5171), Phyllis Padilla (3521), Louise Loudon (131), John Otts (6222), and Ken Sorenson (6322).

TONIGHT the dining room has a two-for-one special going — it's your choice of prime rib or poached halibut, two dinners for \$12.95. On the bandstand, a group called Together makes the variety dance music. Call 265-6791 to see about reservations.

THE THUNDERBIRDS retiree card-playing group resumes activities on Monday, Sept. 16. Games are scheduled in the El Dorado room starting at 10:30 a.m.

NEXT TUESDAY, Sept. 17, the Coronado Ski Club holds its annual Ski Fair with displays and exhibits ranging from equipment, through apparel, to exhibits from ski and resort areas of the region. Fabulous door prizes will be given away to lucky Ski Club members. Everybody is welcome to take in the Fair, but only members win. (If interested, you may join at this event.) Activities start at 5 p.m. on the patio.

ON FRIDAY, Sept. 20, the dining room has filet mignon or baked trout on the dining room two-for-one special at \$12.95. Jeanne Rich and Friends entertain.



ON THEIR WAY to the Coronado Ski Club's annual Ski Fair are Donese Jones (2646) with her son Reagan, left, and daughter Paula, right. The Fair is set for Tuesday, Sept. 17, starting at 5 p.m. in the pool and patio area. The event gives the Ski Club's 400-plus family members a preview of equipment and apparel, the pitch from regional ski areas, and a shot at terrific door prizes. Everyone is invited to attend, but only Ski Club members win. (You can sign up at the Fair.)

ALTHOUGH RESERVATIONS are stacking up rapidly, there's plenty of room for more — couples, tables of 4-6-10 or whatever at the giant Bon Voyage Party scheduled Sunday, Sept. 29. It's a party honoring retiring Sandians and those who wish them well. Don Lesmen's big band (with trumpets, saxophones, and trombones playing big band swing) will be on the bandstand. The Club's kitchen staff plans a super buffet for \$5.75. Call the Club office, 265-6791, for reservations.

TRAVEL — The Club is sponsoring a number of travel packages with the deadline for signing up drawing very close. There may be a couple of seats left on the Cumbres-Toltec excursion Sept. 28. Cost is \$45 for adults, \$33 for children.

Canyon De Chelly is the destination Oct. 26-27. Cost is \$90. The North Shore of Lake

Superior and the Canadian boundary waters is offered Oct. 4-13 for \$690.

A charter bus trip to Havasu City-Laughlin, Nev., is set Oct. 12-15 for \$160.

Mazatlan for a week on the beach at the Playa Mazatlan is offered Nov. 12-19 for \$439.

A Dallas "Adventure," set for Nov. 27-Dec. 1, includes the Dallas Cowboys-Cardinals football game, tours, and Thanksgiving dinner at the Hyatt-Regency Tower.

Literature is available at the Club office for these trips, and the office staff handles signups.

A FINANCIAL SEMINAR on retirement planning will be presented Friday, Sept. 20, at 5 p.m. in room B-5. Speakers are Steve Stubbs and Norm Chavez of Dean Witter Reynolds, Inc. Admission is free.